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where aryl is substituted by 1, 2 or 3 substituents R^{1-2} , the substituents R^{1-2} being selected independently of one another from the group consisting of halogen, alkyl, nitro, amino, alkylamino, cyano, trifluoromethyl, cycloalkyl, heterocyclyl, aryl, heteroaryl, hydroxyl, alkoxy, aryloxy, benzyloxy, carboxyl, alkoxycarbonyl, aminocarbonyl, alkylcarbonylamino, arylcarbonylamino, alkylaminocarbonyl and aminosulfonyl,

or

two substituents R^{1-2} , together with the carbon atoms to which they are attached, form a cycloalkyl or heterocyclyl which can be substituted by 0, 1 or 2 substituents R^{1-2-1} , the substituents R^{1-2-1} being selected independently of one another from the group consisting of halogen, nitro, amino, trifluoromethyl, hydroxyl, alkyl and alkoxy,

R^2 is hydrogen or methyl,

R^3 is hydrogen, hydroxyl, amino, C_1-C_3 alkyl, benzyl, C_1-C_3 alkoxy, benzyloxy, C_1-C_3 alkylamino, C_1-C_3 alkylcarbonylamino, phenylcarbonylamino or benzylcarbonylamino,

R^4 is hydrogen or C_1-C_3 alkyl,

R^5 is halogen, trifluoromethyl, trifluoromethoxy, nitro, amino, alkylamino, hydroxyl, alkyl, alkoxy, carboxyl, alkoxycarbonyl, aminocarbonyl, alkylaminocarbonyl, aryl or heteroaryl,

or

two substituents R^5 together with the carbon atoms to which they are attached form a cycloalkyl or heterocyclyl each of which may be

substituted by 0, 1 or 2 substituents R^{5-1} , the substituents R^{5-1} being selected independently of one another from the group consisting of halogen, nitro, amino, trifluoromethyl, hydroxyl, alkyl and alkoxy,

R^6 is alkyl, cycloalkyl, cycloalkenyl or heterocyclyl,

it being possible for R^6 to be substituted by 0, 1 or 2 substituents R^{6-1} , the substituents R^{6-1} being selected independently of one another from the group consisting of halogen, nitro, amino, trifluoromethyl, hydroxyl, alkyl and alkoxy,

n is a number 0, 1, 2 or 3,

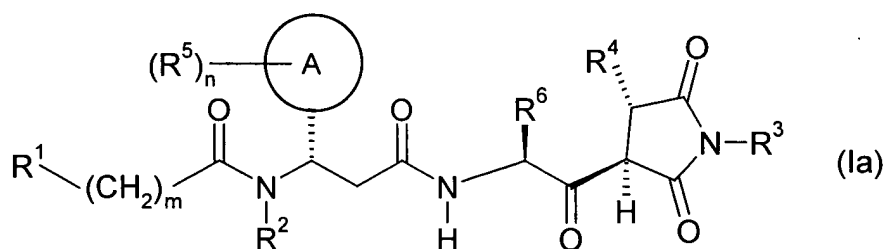
it being possible for the radicals R^5 to be identical or different when n is 2 or 3,

m is a number 0, 1, 2, 3 or 4,

A is aryl or heteroaryl,

or a salt thereof, a solvate thereof or a solvate of a salt thereof.

2. (amended) A compound ~~as claimed in~~ according to claim 1, characterized in that it corresponds to the formula



in which R^1 to R^6 , A, m and n have the same definition as in formula (I).

3. (amended) A compound ~~as claimed in~~ according to claim 1 ~~or 2~~, characterized in that

R^1 is pyridyl, imidazolyl, thienyl, furyl, oxadiazolyl, pyrazolyl, pyrazinyl, pyridazinyl, pyrimidinyl, quinolinyl or isoquinolinyl,

where R^1 can be substituted by 0, 1 or 2 substituents R^{1-1} , the substituents R^{1-1} being selected independently of one another from the group consisting of halogen, alkyl, amino, trifluoromethyl, phenyl and alkoxy,

or

R^1 is phenyl or naphthyl,

where phenyl or naphthyl are substituted by 1, 2 or 3 substituents R^{1-2} , the substituents R^{1-2} being selected independently of one another from the group consisting of halogen, C_1 - C_4 alkyl, dimethylamino, cyano, trifluoromethyl, 3- to 7-membered cycloalkyl, 5- or 6-membered heterocyclyl, phenyl, 5- or 6-membered heteroaryl, C_1 - C_3 alkoxy, phenoxy, benzyloxy, phenylcarbonylamino and aminosulfonyl,

or

two substituents R^{1-2} , together with the carbon atoms to which they are attached, form a 1,3-benzodioxole or a 1,4-benzodioxane,

R^2 is hydrogen,

R³ is hydrogen, amino, methyl, methoxy, ethoxy, methylamino or dimethylamino,

R⁴ is methyl,

R⁵ is fluoro, chloro, trifluoromethyl, C₁-C₄ alkoxy, methoxycarbonyl, C₁-C₄ alkyl, phenyl or pyridyl,

or

two substituents R⁵, together with the phenyl ring to which they are attached, form a 1,3-benzodioxole or a 1,4-benzodioxane,

R⁶ is C₃-C₆ alkyl or 3- to 6-membered cycloalkyl,

n is a number 0, 1 or 2,

and, if n is 2, the radicals R⁵ can be identical or different,

m is a number 0, 1, 2 or 3,

and

A is phenyl, naphthyl, pyridyl, thienyl, furanyl, quinolinyll or isoquinolinyll.

4. (amended) A compound ~~as claimed in any one of claims 1 to 3~~ according to claim 1, characterized in that

R¹ is pyridyl, thienyl, furyl, quinolinyll or isoquinolinyll,

where R^1 can be substituted by 0, 1 or 2 substituents R^{1-1} , the substituents R^{1-1} being selected independently of one another from the group consisting of halogen, C_1 - C_4 alkyl, trifluoromethyl, phenyl and C_1 - C_3 -alkoxy,

or

R^1 is phenyl or naphthyl,

where phenyl or naphthyl are substituted by 1, 2 or 3 substituents R^{1-2} , the substituents R^{1-2} being selected independently of one another from the group consisting of halogen, C_1 - C_4 alkyl, dimethylamino, cyano, trifluoromethyl, 5- or 6-membered heterocyclyl, 5- or 6-membered heteroaryl, C_1 - C_3 alkoxy, phenoxy or benzyloxy,

or

two substituents R^{1-2} , together with the carbon atoms to which they are attached, form a 1,3-benzodioxole or a 1,4-benzodioxane,

R^2 is hydrogen,

R^3 is hydrogen, amino, methylamino or dimethylamino,

R^4 is methyl,

R^5 is fluoro, chloro, trifluoromethyl, C_1 - C_3 alkoxy, C_1 - C_4 alkyl, phenyl or pyridyl,

R^6 is isopropyl, tert-butyl, isopentyl, cyclopentyl or cyclohexyl,

n is a number 0, 1 or 2,

and, if n is 2, the radicals R^5 can be identical or different,

m is a number 0, 1 or 2,

and

A is phenyl, naphthyl, pyridyl, thienyl, quinolinylnyl or isoquinolinylnyl.

5. (amended) A compound ~~as claimed in any one of claims 1 to 4~~ according to claim 1, characterized in that

R^1 is pyridyl, thienyl, furyl, quinolinylnyl or isoquinolinylnyl,

where R^1 can be substituted by 0, 1 or 2 substituents R^{1-1} , the substituents R^{1-1} being selected independently of one another from the group consisting of fluoro, chloro, trifluoromethyl, C_1 - C_4 alkyl, phenyl and methoxy.

6. (amended) A compound ~~as claimed in any of claims 1 to 4~~ according to claim 1, characterized in that

R^1 is phenyl or naphthyl,

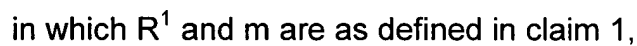
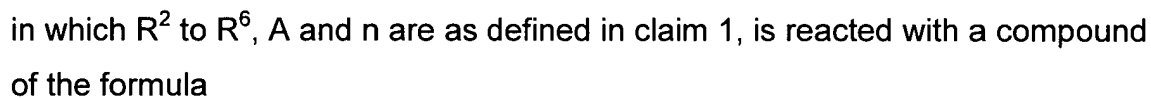
where phenyl or naphthyl are substituted by 1, 2 or 3 substituents R^{1-2} , the substituents R^{1-2} being selected independently of one another from the group consisting of halogen, C_1 - C_4 alkyl, dimethylamino, cyano, trifluoromethyl, 5- or 6-membered heterocyclyl, 5- or 6-membered heteroaryl, C_1 - C_3 alkoxy, phenoxy or benzyloxy,

or

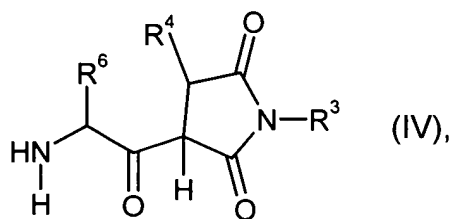
two substituents R^{1-2} , together with the carbon atoms to which they are attached, form a 1,3-benzodioxole or a 1,4-benzodioxane.

7. (amended) A compound ~~as claimed in any one of claims 1, 2, 5 and 6~~ according to claim 1, characterized in that R^2 is hydrogen.
8. (amended) A compound ~~as claimed in any one of claims 1 to 7~~ according to claim 1, characterized in that R^3 is hydrogen or amino.
9. (amended) A compound ~~as claimed in any one of claims 1, 2 and 5 to 8~~ according to claim 1, characterized in that R^4 is methyl.
10. (amended) A compound ~~as claimed in any one of claims 1 to 9~~ according to claim 1, characterized in that n is the number zero.
11. (amended) A compound ~~as claimed in any one of claims 1 to 10~~ according to claim 1, characterized in that n is the number 1, A is phenyl and R^5 is fluoro, chloro, trifluoromethyl, alkoxy, C_1 - C_4 -alkyl, phenyl or pyridyl, R^5 being positioned meta or para to the linkage site of the phenyl ring.
12. (amended) A compound ~~as claimed in any one of claims 1, 2 and 5 to 11~~ according to claim 1, characterized in that R^6 is C_3 - C_6 -alkyl or 3- to 6-membered cycloalkyl.
13. (amended) A compound ~~as claimed in any one of claims 1 to 12~~ according to claim 1, characterized in that m is the number zero.

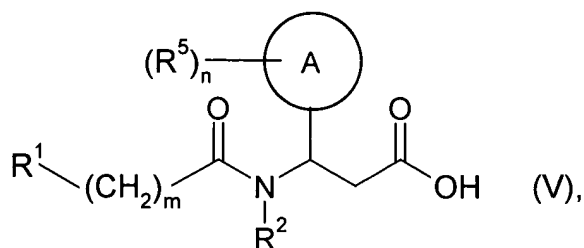
- [A] a compound of the formula



[B] a compound of the formula



in which R³, R⁴ and R⁶ are as defined in claim 1, is reacted with a compound of the formula



in which R¹, R², R⁵, A, m and n are as defined in claim 1.

16. (amended) A compound ~~as claimed in any one of claims 1 to 14~~ of claim 1 for the treatment and/or prophylaxis of diseases.
17. (amended) A medicinal product comprising at least one compound ~~as claimed in any one of claims 1 to 14~~ of claim 1 in combination with at least one pharmaceutically compatible, pharmaceutically acceptable carrier or other excipients.
18. (amended) The use of a compound ~~as claimed in any one of claims 1 to 14~~ of claim 1 for producing a medicinal product for the treatment and/or prophylaxis of bacterial diseases.
19. (amended) A medicinal product ~~as claimed in~~ according to claim 17 for the treatment and/or prophylaxis of bacterial infections.

20. (amended) A method of controlling bacterial infections in people and animals by administering an antibacterially effective amount of at least one compound as ~~claimed in any one of claims 1 to 14~~ of claim 1.